

RUAG delivers final gun sim to Swiss

The Swiss military has taken delivery of the last of 288 RUAG Electronics laser-based firing simulators that are used on the country's RadSpz 93/Piranha 8x8 light armored vehicles.

RUAG officials delivered the simulator to its contract partner armasuisse, the defense procurement agency of the Swiss Federal Department of Defence. The company began rolling out the simulators in the second quarter of 2005 and delivered them in 10 batches.

The simulator, called the

LASSIM RadSpz 93, simulates the 12.7mm heavy machine gun used on the light armored vehicle and is employed in basic training and combat training. When used in combat with another simulator, the system responds in accordance with a vehicle-specific vulnerability model. In doing that, the effects of "hits" are transferred into the crew compartment.

The instrumentated mounted soldiers also sustain the "wounds" that would occur in a real-life scenario.

The contract is the largest to



RUAG ELECTRONICS
A RadSpz 93, mounted on a Piranha, simulates a 12.7mm machine gun.

date for RUAG Electronics. It performed the work with RUAG COEL, which became part of the RUAG Group a year ago.

Deliveries of the simulators also included other training equipment such as analysis computers and field observer controller devices.

CAE wins international training deals

CAE has been awarded a series of contracts for support and training services with military branches in the U.S., U.K. and Canada. The deals' total value will surpass 41 million Canadian dollars (\$35.2 million).

One award, from the U.S. Marine Corps, is worth about \$10 million over five years and calls for CAE to provide engineering support services for AV-8B Harrier and KC-130 Hercules aircraft trainers. The company will be prime contractor for the In-Service Engineering Office and will provide on-site technical support

and engineering change modifications to the trainers at Marine Corps Air Station Cherry Point, N.C., and Marine Corps Air Station Yuma, Ariz.

In the U.K., CAE was awarded a series of land and flight contracts valued at nearly \$17 million. One is an avionics upgrade to the CAE-built Lynx Mk8 full-mission simulator at Royal Naval Air Station Yeovilton. The Royal Navy will also get a CAE-built Lynx Crew Procedures Trainer, to be delivered to Yeovilton in September 2008.

CAE also obtained a contract with the British Army to upgrade

its Artillery Fire Control Trainer with the Medallion-6000 image generator.

CAE, based in Montreal, also won a contract from Canada's Technical Investigation and Engineering Services program worth \$8.6 million over the next four years. The country's Department of National Defence is increasing its use of modeling and simulation for requirements in doctrine development, research and development, experimentation and training.

As prime contractor, CAE will provide engineering, professional and project management services.

Quick Quotes

From the Association of the U.S. Army's winter symposium and exhibition in Fort Lauderdale, Fla., in March.

"Education is still the greatest motivator to join the Army."

Gen. William Scott Wallace, commanding general of the U.S. Army's Training and Doctrine Command, who added that recruiting now means looking at their media, such as text messaging, rather than television ads, to attract young men and women to join the Army

"The battlefield is asymmetric and war is expensive."

U.S. Army Lt. Gen. Theodore Stroup (ret.), vice president for education at the Association of the U.S. Army, who said it cost about \$1,000 to train and equip a soldier in the Vietnam era and more than \$17,000 today

Tec-Masters gets another MILES deal

The U.S. Army's Program Executive Office for Simulation, Training and Instrumentation (PEO STRI) has awarded Tec-Masters a contract potentially worth \$35 million for training on the Multiple Integrated Laser Engagement System's Combat Vehicle System (MILES CVS).

The Combat Vehicle System used on the MILES will replace

older equipment used by the Army's force-on-force training exercises. The new system has greater fidelity for those combat vehicle systems, specifically the Bradley fighting vehicle and Abrams tank. The system will encompass One Tactical Engagement Simulation System technology that enables an advanced training capability.

"The new MILES CVS system is lighter, easier to install, simpler for the crew to operate, and allows crews to engage targets using normal gunnery techniques," said Bob Wolfinger, deputy project manager for live training systems. "Besides the necessary interfacing to the vehicle, the en-

tire system is wireless."

Tec-Masters, based in Huntsville, Ala., was first awarded an \$18 million contract from PEO STRI in spring 2005 to complete the fielding of the MILES 2000. The system comprises an eye-safe laser transmitter that mounts on a soldier's weapon or a combat vehicle weapon, and a corresponding detector system, which allows the soldier or vehicle to be "killed" in a training exercise. The system replicates actual ranges and lethality of the specific weapon systems, and individuals and vehicles deployed in the training exercise have a detection system to sense hits and perform casualty assessments.